## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	428	398/141.ccls.	USPAT	OR	OFF	2010/01/15 17:52
L21	3886	385/123-128.cds.	USPAT	OR	OFF	2010/01/15 17:53
L22	659	398/141.ccls.	US-PGPUB; USPAT	OR	OFF	2010/01/15 17:54
L23	5614	385/123-128.ccls.	US-PGPUB; USPAT	OR	OFF	2010/01/15 17:54
L24	6247	22 or 23	US-PGPUB; USPAT	OR	OFF	2010/01/15 17:54
L25	597	24 and (leaky or leakage)	US-PGPUB; USPAT	OR	OFF	2010/01/15 17:54
L26	516	25 and refractive adj index	US-PGPUB; USPAT	OR	ON	2010/01/15 17:54
L27	219	25 and (refractive adj index with (change or variation))	US-PGPUB; USPAT	OR	ON	2010/01/15 17:55
L28	18	25 and (refractive adj index with (change or variation)) same (leaky or leakage)	US-PGPUB; USPAT	OR	ON	2010/01/15 17:55
L29	11	28 and (communication or (transmission and reception))	US-PGPUB; USPAT	OR	ON	2010/01/15 17:56
S1	1	("4466697").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/13 20:58
S2	27	((SHINICHIRO) near2 (HARUYAMA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S3	5	((YASUO) near2 (SUGAWARA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S4	57	((MASAO) near2 (NAKAGAWA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
<b>S</b> 5	88	((YASUHIRO) near2 (KOIKE)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S6	7	((TAKAAKI) near2 (ISHIGURE)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S7	59	((HIROMASA) near2 (SUZUKI)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00

S8	44	((AKIHIRO) near2 (SHIMURA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S9	0	S2 and S3 and S4 and S5 and S6 and S7 and S8	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:01
S10	15	leaky adj fiber	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:16
S11	155	leaky near3 fiber	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:17
S12	3	S11 and scatterers	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:17
S13	3017	scatter\$3 with light with optical near fiber	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:20
S14	1	scatter\$ers with light with optical near fiber with core	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:20
S15	6	scatter\$ers with light with optical near fiber	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:20
S16	1	"5908415".pn.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:23
S17	47	("3417745"   "4233493"   "4336809"   "4585298"   "4660925"   "4860743"   "4878492"   "5053033"   "5133709"   "5151096"   "5151097"   "5169395"   "5207669"   "5209748"   "5219346"   "5242438"   "5269777"   "5337381"   "5363458"   "5401270"   "5431647"   "5441497"   "Re34544").PN. OR ("5908415").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:24
S18	0	S17 and leaky	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:24
S19	2591	leakage with fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:51
S20	161	S19 same refractive adj index	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:51

S21	32	S20 same core with high\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:51
S22	6572	398/140-172,202-214. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 13:48
S23	49	S22 and leak\$4 with fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 13:48
S24	9171	modulated with data with light	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:42
S25	2913	S24 and advantage	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:42
S26	53	S24 same advantage	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:42
S27	18	S24 with advantage	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:42
S28	179	S24 same common	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:45
S29	20	S28 same network	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:45
S30	22	optical adj networks same S24	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:46
S31	77	scatters with core	USPAT	OR	OFF	2010/01/14 20:38
S32	10	S31 and leak\$ with fiber	USPAT	OR	OFF	2010/01/14 20:38
S33	24	scatterers with core	USPAT	OR	OFF	2010/01/14 20:46
S34	0	S33 and leak\$ with fiber	USPAT	OR	OFF	2010/01/14 20:46
S35	2324	scatter\$3 with core	USPAT	OR	OFF	2010/01/14 20:46
S36	145	S35 and leak\$ with fiber	USPAT	OR	OFF	2010/01/14 20:46
<b>S</b> 37	22	S35 same leak\$ with fiber	USPAT	OR	OFF	2010/01/14 20:46
S38	1	"5908415".pn.	USPAT	OR	OFF	2010/01/14 20:52

S39	47	("3417745"   "4233493"   "4336809"   "4585298"   "4660925"   "4860743"   "4878492"   "5053033"   "5133709"   "5151096"   "5151097"   "5169395"   "5196005"   "5207669"   "5209748"   "5242438"   "5269777"   "5337381"   "5363458"   "5401270"   "5431647"   "5441497"   "Re34544").PN. OR ("5908415").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:54
S40	5	S39 and optical near (communication or network)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:54
S41	29	("20020013555"   "20020094161"   "20020095169"   "20030181853"   "20040133231"   "20060009785"   "5151096"   "5207669"   "53344419"   "5363458"   "5429635"   "5431647"   "5632767"   "5871521"   "5908415"   "5946441"   "6004315"   "6270492"   "6361180"   "6364874"   "6418252"   "6576163"   "6663821"   "6754717"   "6829411").PN. OR ("7386203").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:55
S42	4135	scatter\$3 with core	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:56
S43	154	S42 same leak\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:57

S44	61	S43 and (wanted or desirable)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:57
S45	5	S43 same (wanted or desirable)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:57
S46	0	S43 same optical near (communication or network)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:58
S47	36	S43 and optical near (communication or network)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:58
S48	177867	refractive near index	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:10
S49	2471	S48 and transmission near distance	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:10
S50	263	S48 same transmission near distance	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:10
S51	17	S50 and leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:10
S52	3	S50 same leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:11
S53	747	S48 with leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:16
S54	60	S48 with transmission near distance	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:16
S55	1	S53 and S54	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:16
S56	168590	optical adj fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:17
S58	346	S53 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:17
S59	85	S53 same S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:17

S60	35	S54 same S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:17
S61	39	S53 with S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:18
S62	75	(change or variation) with refractive near index with leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:49
S63	55	(change or variation) near3 refractive near index with leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:49
S64	3	S63 with fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:50
S65	7	S63 same fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:52
S66	58	(change or variation) near5 refractive near index with leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:53
<b>S</b> 67	37	S66 and fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:53
S68	7	S66 same fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:53
S69	147	(change or variation) near5 refractive near index with leak\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:54
S70	30	S69 same fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:55
S71	2603	leakage with intensity	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:12
S72	1263	leakage near5 intensity	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:12
S73	41	S72 same fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:12
S74	3	S73 same refractive adj index	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:13

S75	177867	refractive near index	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:59
S76	60	S75 with transmission near distance	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:59
S77	168590	optical adj fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:59
S78	35	S76 same S77	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:59

## **EAST Search History (Interference)**

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1/15/2010 6:03:48 PM

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